

From the INTERNATIONAL BUREAU

PCT

**NOTIFICATION OF THE RECORDING  
OF A CHANGE**

(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

Date of mailing (day/month/year) 15 October 2001 (15.10.01)
Applicant's or agent's file reference 81350PROPTC
International application No. PCT/US00/17703

To:

KRIEGLSMAN, Edward, M.  
Kriegsman & Kriegsman  
665 Franklin Street  
Framingham, MA 01702  
ETATS-UNIS D'AMERIQUE

**IMPORTANT NOTIFICATION**

International filing date (day/month/year)  
28 June 2000 (28.06.00)

1. The following indications appeared on record concerning:

the applicant     the inventor     the agent     the common representative

Name and Address

KRIEGLSMAN, Edward, M.  
Kriegsman & Kriegsman  
883 Edgell Road  
Framingham, MA 01701  
United States of America

State of Nationality    State of Residence

Telephone No.  
508 877 8588

Facsimile No.  
508 877 3797

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

the person     the name     the address     the nationality     the residence

Name and Address

KRIEGLSMAN, Edward, M.  
Kriegsman & Kriegsman  
665 Franklin Street  
Framingham, MA 01702  
United States of America

State of Nationality    State of Residence

Telephone No.  
508 879 3500

Facsimile No.  
508 879 4200

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

the receiving Office  
 the International Searching Authority  
 the International Preliminary Examining Authority

the designated Offices concerned  
 the elected Offices concerned  
 other:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

Authorized officer

Athina NICKITAS-ETIENNE  
Telephone No.: (41-22) 338.83.38

004371214

## PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

## **NOTIFICATION OF ELECTION**

(PCT Rule 61.2)

Date of mailing (day/month/year) 02 April 2001 (02.04.01)	ETATS-UNIS D'AMERIQUE in its capacity as elected Office
International application No. PCT/US00/17703	Applicant's or agent's file reference 81350PROPCT
International filing date (day/month/year) 28 June 2000 (28.06.00)	Priority date (day/month/year) 08 July 1999 (08.07.99)
Applicant TSAI, Kuoli et al	

- 1 The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:

08 February 2001 (08.02.01)

in a notice effecting later election filed with the International Bureau on:

2. The election  was

was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<p><b>The International Bureau of WIPO</b>  <b>34, chemin des Colombettes</b>  <b>1211 Geneva 20, Switzerland</b></p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p><b>Authorized officer</b></p> <p>Jean-Marie McAdams</p> <p>Telephone No.: (41-22) 338.83.38</p>
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## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 81350PROPCT	<b>FOR FURTHER ACTION</b>	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US00/17703	International filing date (day/month/year) 28 JUNE 2000	(Earliest) Priority Date (day/month/year) 08 JULY 1999
Applicant AVERY DENNISON CORPORATION		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.

- the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

- 2.  Certain claims were found unsearchable (See Box I).

- 3.  Unity of invention is lacking (See Box II).

- 4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

- 5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

- 6. The figure of the drawings to be published with the abstract is Figure No. 1

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

- None of the figures.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US00/17703

**Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)**

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

The abstract is too long (PCT Rule 8.1(b)). The abstract must be less than 150 words, or 200 words when no Figure is to be published.

**NEW ABSTRACT**

A heat-transfer label (11) including a non-wax, non-silicone release layer or coating (17) for use in decorating an article, such as a glass container, without leaving a visually discernible release residue on the decorated article. In a preferred embodiment, the label includes a transfer portion (21), the transfer portion comprising a protective lacquer layer (23), an ink design layer (25) over the protective lacquer layer, and a heat-activatable adhesive layer (27) over the ink design and protective lacquer layers. The label also includes a support portion (13), the transfer portion being positioned over the support portion for transfer of the transfer portion from the support portion to an article under conditions of heat and pressure. The support portion comprising a carrier layer (15) and a release layer or coating.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/17703

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) :B44C 1/165; C09J 7/02

US CL :156/230; 428/41.7, 41.8, 42.1, 349, 352, 354

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 156/230; 428/41.7, 41.8, 42.1, 349, 352, 354

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
NONE**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,935,300 A (PARKER et al) 19 June 1990, see entire document.	1-79
A	US 4,426,422 A (DANIELS) 17 January 1984, see entire document.	1-79
A	US 3,922,435 A (ASNES) 25 November 1975, see entire document.	1-79

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

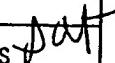
Date of the actual completion of the international search 06 AUGUST 2000	Date of mailing of the international search report <b>24 AUG 2000</b>
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Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Authorized officer

BLAINE R. COPENHEAVER

DEBORAH THOMAS  
PARALEGAL SPECIALIST



**PATENT COOPERATION TREATY**

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: IRVING M. KRIEGLMAN  
KRIEGLMAN & KRIEGLMAN  
883 EDGE ROAD  
FRAMINGHAM, MA 01701

**PCT**

**NOTIFICATION OF TRANSMITTAL OF  
INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

(PCT Rule 71.1)

		Date of Mailing (day/month/year)	<b>10 MAY 2001</b>
Applicant's or agent's file reference  81350PROPCT		<b>IMPORTANT NOTIFICATION</b>	
International application No.  PCT/US00/17703	International filing date (day/month/year)  28 JUNE 2000	Priority Date (day/month/year)  08 JULY 1999	
Applicant  AVERY DENNISON CORPORATION			

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

**4. REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US  Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  Facsimile No. (703) 305-3230	Authorized officer  LEANNA ROCHE  DEBORAH THOMAS PARALEGAL SPECIALIST
	Telephone No. (703) 308-0661

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: EDWARD M. KRIEGSMAN  
KRIEGSMAN & KRIEGSMAN  
883 EDGE ROAD  
FRAMINGHAM, MA 01701

**PCT**

## NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

<p>Date of Mailing (day/month/year)</p>	<p><b>24 AUG 2000</b></p>
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Applicant's or agent's file reference

81350PROPCT

**FOR FURTHER ACTION** See paragraphs 1 and 4 below

International application No.

PCT/US00/17703

International filing date  
(day/month/year)

28 JUNE 2000

Applicant

AVERY DENNISON CORPORATION

1.  The applicant is hereby notified that the international search report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO

34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2.  The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3.  With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

BLAINE R. COPENHEAVER

DEBORAH THOMAS  
PARALEGAL SPECIALIST

Telephone No. (703) 308-0661

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 81350PROPCT	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/17703	International filing date (day/month/year) 28 JUNE 2000	Priority date (day/month/year) 08 JULY 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): B44C 1/165; C09J 7/02 and US CL.: 156/230; 428/41.7, 41.8, 42.1, 349, 352, 354		
Applicant AVERY DENNISON CORPORATION		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 2 sheets.

3. This report contains indications relating to the following items:

- I  Basis of the report
- II  Priority
- III  Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand 08 FEBRUARY 2001	Date of completion of this report 22 MARCH 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer LEANNA ROCHE DEBORAH THOMAS PARALEGAL SPECIALIST <i>[Signature]</i>
Facsimile No. (703) 305-3230	Telephone No. (703) 308-0661

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/17703

**I. Basis of the report**

## 1. With regard to the elements of the international application:\*

 the international application as originally filed the description:

pages 1-30

pages NONE

pages NONE

, filed with the demand

 the claims:

pages 31-41

pages NONE , as amended (together with any statement) under Article 19

pages NONE

, filed with the demand

pages NONE , filed with the letter of \_\_\_\_\_

 the drawings:

pages 1-4

pages NONE , as originally filed

pages NONE

, filed with the demand

pages NONE , filed with the letter of \_\_\_\_\_

 the sequence listing part of the description:

pages NONE

, as originally filed

pages NONE

, filed with the demand

pages NONE , filed with the letter of \_\_\_\_\_

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

 the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

 contained in the international application in printed form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4.  The amendments have resulted in the cancellation of: the description, pages NONE the claims, Nos. NONE the drawings, sheets/fig NONE5.  This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/17703

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims <u>1-79</u>	YES
	Claims <u>NONE</u>	NO
Inventive Step (IS)	Claims <u>1-79</u>	YES
	Claims <u>NONE</u>	NO
Industrial Applicability (IA)	Claims <u>1-79</u>	YES
	Claims <u>NONE</u>	NO

**2. citations and explanations (Rule 70.7)**

Claims 1-79 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the claimed heat-transfer label which comprises: the claimed transfer portion having an ink design layer and a heat-activatable adhesive layer; and the claimed support portion composed of a carrier and the claimed release coating layer(s).

Claims 1-79 meet the criteria set out in PCT Article 33(4), because the claimed invention is useful as a heat-transfer label.

----- NEW CITATIONS -----  
NONE